

V I R G I N I A:

BOOK 269 PAGE 579

BEFORE THE VIRGINIA GAS AND OIL BOARD

IN RE:

Application of Equitable Resources Energy Company
for Forced Pooling of Interest in a Drilling Unit
Affected by Well Number P-512, VGOB 1010-41 in the Clintwood
District of Dickenson County, Virginia

This cause came on this 11th day of October, 1990, upon the application of Equitable Resources Energy Company, EREX, requesting that this Board pool the interests of well operators in the drilling unit described in the map attached hereto as Exhibit A in the formations underlying the Nora field in Dickenson County, Virginia. Notice of the filing of the application herein and of the time, date and place of the hearing thereon was duly and properly given to each well operator of record having an interest in the oil and gas underlying the tracts within the drilling unit covered hereby as required by Section 45.1-361.19, Code of Virginia, 1950 as amended. The Board examined the Notice as given and further conducted inquiry into the sufficiency of EREX's search to determine the names and whereabouts of well operators who may be affected by the pooling of oil and gas interests in the drilling unit involved herein. The Board finds that EREX has exercised due diligence and has conducted a meaningful search of reasonably available sources at hand. The Board hereby approves the notice given, by publication and otherwise, as meeting the statutory requirements, rules of the Board and minimum standards of state and federal due process, and finds that notice has been given in all respects as required by law and the rules of this Board.

Based upon the evidence presented, the Board finds that EREX has acquired oil and gas leasehold interests in the drilling unit as described in the map, which is attached hereto as Exhibit "A" and made a part hereof, and has the right to conduct operations on its oil and gas leasehold interests. Based on the evidence presented, the Board finds that the following named persons are owners of oil and gas interests which are not subject to any oil and gas lease and who have not voluntarily agreed to pool their interests in the drilling unit involved herein for its development and operations:

- 1) Edna Mullins Adkins/Valhalla, Inc., Route 3, Box 245K, Clintwood, VA 24228;

and that the following named persons are owners of oil and gas leasehold interests in the drilling unit involved herein who have not voluntarily agreed to pool their interests in this unit for its development and operation:

Based upon the evidence presented, the Board finds that, in order to avoid the drilling of unnecessary wells, prevent the various types of waste of oil and gas and protect the correlative rights of all well operators with respect to the pools in the drilling unit involved herein, the well operators involved who have not heretofore reached an agreement with respect to development and operation of the drilling unit covered hereby shall be required to pool their oil and gas interests and develop the pools in this drilling unit, upon the terms and conditions set out in this order,

of the evidence presented in this cause, to be supported by substantial evidence and to be just, reasonable and equitable and such as will afford each operator in this unit the opportunity to recover or receive each such well operator's just and equitable share of production from this unit.

Based upon the evidence presented at the public hearing in this matter, the Virginia Oil and Gas Conservation Board orders as follows:

(1) The oil and gas interests of well operators, as named above, in this drilling unit established in the lands involved herein for formations underlying the Nora Field are hereby pooled for the development and operation of this unit. EREX is hereby authorized to drill, complete and operate a well in this drilling unit so as to produce oil and gas from the pooled acreage, consistent with the terms and provisions of its applicable well work permit.

(2) Each well operator involved herein, other than EREX, shall, within 30 calendar days after the date of mailing this Order, deliver to Equitable Resources Exploration, Two Executive Park Place, 1989 East Stone Drive, Kingsport, TN 37660, a written election either to participate in the operation of the well covered hereby or to exercise such well operator's right of election under this order as described below. A timely election shall be deemed to have been made if a well operator on or before the last day of such 30 calendar day period has sent such written election by telegram or telegraph to EREX at Two Executive Park Place, 1989

East Stone Drive, Kingsport, TN 37660 or has had such written election duly postmarked and has placed such written election in the United States mail, first class, postage prepaid, duly addressed to EREX at the address set forth above. The alternatives afforded to the well operators of oil and gas interests herein pooled are set forth in either A or B, below, whichever is applicable.

(A) Each well operator herein pooled owning an oil and gas interest as to the formations underlying the Nora Field derived from an oil and gas lease covering any tract within the drilling unit involved herein is accorded the following options as to such interest:

(i) Participation: To participate in the working interest in and the development of the formations underlying the Nora Field in the drilling unit involved herein by agreeing to pay such well operator's proportionate part of the actual cost of drilling, completing, equipping, operating, plugging and abandoning of the well covered hereby and by paying as set forth herein, to EREX, such owner's proportionate part of the \$227,110.00 estimated cost of drilling, completing, equipping, operating, plugging and abandoning of the proposed well covered hereby. In lieu of such payment, furnishing to EREX security satisfactory to EREX for the payment thereof within 60 calendar days of the date of this order. A participating well operator's proportionate part of the anticipated cost of completion and share of the production from such well shall be in the proportion that the number of net mineral

acres in the unit covered by the oil and gas rights owned by such party bears to the entire number of mineral acres in this unit; or

(ii) Carried interest: In lieu of participating in the working interest in and the development of the pools in this drilling unit, as set forth in subparagraph (i) above, to elect to share in the operation of the well covered on a carried basis (as a carried well operator) so that the proportionate part of the actual cost of drilling, completing, equipping, operating, plugging and abandoning of such well allocable to such carried well operator's interest is charged against such carried well operator's share of production from such well. All of such carried well operator's oil and gas rights in the pools in the drilling unit involved herein are relinquished under this order to EREX until the proceeds from the sale of the share of production from such well accruing to such carried well operator's unleased oil and gas interest in the drilling unit involved herein, exclusive of any royalty, excess or overriding royalty, or other non-operating or non-cost bearing burden reserved in any lease, assignment thereof or agreement relating thereto covering such oil and gas interest, equals three hundred percent (300%) of the share of the cost of drilling and completing the well allocable to the oil and gas interest of such carried well operator; plus one hundred percent (100%) of the carried operator's share of the cost of surface equipment beyond the wellhead connection of such well allocable to the oil and gas interest of such carried well operator; plus one hundred percent (100%) of the share of the cost of operating such

well allocable to the oil and gas interest of such carried well operator. Such carried well operator's proportionate part of the costs of, and the production from, the well covered hereby is to be in the proportion that the number of net mineral acres in the unit covered by the oil and gas interest owned by such carried well operator bears to the entire number of mineral acres in such unit. During the period of time EREX is entitled to receive such carried well operator's share of production or the proceeds therefrom, EREX shall pay all applicable production, severance, excise, gathering and any other taxes based upon or measured by the value or amount of production and shall separately calculate and pay to such carried well operator for payment to the appropriate owner any royalty, excess or overriding royalty and any other non-operating or non-cost bearing burden reserved in any lease, assignment thereof or agreement relating thereto which is deducted from the share of production of such carried well operator. Such royalty, excess or overriding royalty and other non-operating or non-cost bearing burden is not to be subject to any charge for operating costs. Payment by EREX to such carried well operator of any such royalty, excess or overriding royalty or other non-operating or non-cost bearing burden shall be made within ninety (90) days after the end of the calendar month within which the production subject to such burdens is sold. Within sixty (60) days after the completion of the well covered hereby, EREX shall furnish such carried well operator an inventory of the equipment in and connected to such well and an itemized statement of the cost of

drilling, completing and equipping such well for production; and for each month thereafter, during the time EREX is being reimbursed as provided above, EREX shall furnish to such carried well operator an itemized statement of all costs and liabilities incurred in the operation of such well, together with a statement of the quantity of oil and gas produced therefrom and the amount of proceeds realized from the sale of the production allocable to such carried well operator's oil and gas interest in the unit during the preceding month. EREX shall also furnish to the State Oil and Gas Inspector for the Commonwealth of Virginia, copies of the same statements furnished to each carried well operator under the provisions hereof. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any operation on the well covered hereby which would have been owned by such carried well operator had such owner participated therein as a participating well operator shall be credited against the total uncovered well costs in determining when the interest of such carried well operator shall revert to such owner as described above. When EREX recovers from such carried well operator's relinquished interest provided for above, the relinquished interest of such carried well operator shall automatically revert to such owner, and from and after such reversion, such carried well operator shall be treated as a participating well operator and shall own the same interest in such well, the material and equipment in or pertaining thereto and the production therefrom, as such owner would have been entitled to had such owner

participated initially as a participating well operator in the drilling, completing and equipping of such well; and thereafter, such owner shall be charged with and shall pay the owner's proportionate part of the further costs of the operation of such well.

(B) Each well operator herein pooled owning an oil and gas interest in the Nora Field in any tract in the drilling unit involved herein which interest is not subject to an oil and gas lease is hereby accorded the following options as to such interests:

(i) Participation: To participate in the working interest in and the development of the formations underlying the Nora Field in the drilling unit involved herein by agreeing to pay such well operator's proportionate part of the actual cost of drilling, completing, equipping, operating, plugging, and abandoning of the well covered hereby and by paying as set forth herein, to EREX, such owner's proportionate part of the \$227,110.00 estimated cost of drilling, completing, equipping, operating, plugging and abandoning of the proposed well covered hereby. In lieu of such payment, furnishing to EREX security satisfactory to EREX for the payment thereof within sixty (60) calendar days of the date of this Order. A participating well operator's proportionate part of the anticipated cost of completion and share of the production from such well shall be in the proportion that the number of net mineral acres in this unit covered by the oil and gas rights owned by such party bears to the entire number of mineral acres in this unit; or

(ii) Cash Consideration: In lieu of participating in the working interests in and the development of the pools in the drilling unit involved herein, to elect to receive a sum of TWO DOLLARS (\$2.00) per net mineral acre owned by such owner, plus a total royalty in the amount of one-eighth of eight eighths ($1/8$ of $8/8$ ths) of the oil, casinghead gas, gas and gas condensate produced from the well covered by this Order, the same to be delivered into the lease tanks or into the pipelines to which such well is connected, free and clear of all costs, expenses and risks incurred in or in connection with drilling, equipping, operating, completing, plugging and abandoning of such well. Any well operator elected this option shall deliver under this Order a net revenue interest of 87.50% of $8/8$ ths of the oil, casinghead gas, gas and gas condensate produced from the well covered by this Order, with such net revenue interest being determined by deducting from such owner's share of production the royalty provided for immediately above; and provided further, that such royalty of $1/8$ of $8/8$ ths and such net revenue interest of 87.50% of $8/8$ ths shall be proportionately reduced and payable only in the proportion that the number of net mineral acres in the drilling unit covered by the oil and gas rights owned by such well operator bears to the entire number of mineral acres in this unit; or

(iii) Carried Interest: In lieu of participating in the working interest in and the development of the pools in the drilling unit involved herein as set forth in subparagraph (i) above, or electing the option set forth in subparagraph (ii) above,

to elect to share in the operation of the well covered hereby on a carried basis (as a carried well operator) so that the proportionate part of the actual cost of drilling, completing, equipping, operating, plugging and abandoning of such well allocable to such carried well operator's interest is charged against such carried well operator's share of production from such well and that all of such carried well operator's oil and gas rights in the pools in the drilling unit involved herein are relinquished under this Order to EREX until the proceeds from the sale of the share of production from the well accruing to such carried well operator's unleased oil and gas interest in the drilling unit involved herein, equals two hundred percent (200%) of the share of the cost of drilling and completing the well covered hereby allocable to the unleased oil and gas interest of such carried well operator, plus one hundred percent (100%) of the share of the cost of surface equipment beyond the wellhead connection of such well allocable to the unleased oil and gas interest of such carried well operator; plus one hundred percent (100%) of the carried operator's share of the costs of operating such well allocable to such carried well operator. Such carried operator's proportionate part of the costs of, and the production from, the well covered hereby is to be in the proportion that the number of net mineral acres in the unit covered by the unleased oil and gas interest owned by such carried well operators bears to the entire number of net mineral acres in this unit. During the period of time EREX is entitled to receive such carried well operator's

share of production or the proceeds therefrom, EREX shall pay all applicable production, severance, excise, gathering and any other taxes based upon or measured by the value or amount of production.

Within sixty (60) days after completion of the well covered hereby, EREX shall furnish such carried well operator an inventory of the equipment in and connected to such well and an itemized statement of the cost of drilling, completing and equipping such well for production; and each month thereafter, during the time EREX is being reimbursed as provided above, EREX shall furnish to such carried well operator, an itemized statement of all costs and liabilities incurred in the operation of such well, together with a statement of the quantity of oil and gas produced therefrom and the amount of proceeds realized from the sale of the production allocable to such carried well operators' unleased oil and as interests in such unit during the preceding month. EREX shall also furnish to the State Oil and Gas Inspector for the Commonwealth of Virginia, copies of the same statements furnished to each carried well operator under the provisions hereof. Any amount realized from the sale or other disposition of the equipment newly acquired in connection with any operation on the well covered hereby which would have been owned by the carried well operator, had such owner participated therein as a participating well operator, shall be credited against the total unrecovered well costs in determining when the interest of such carried well operator shall revert to such owner as described above. When EREX recovers from such carried well operator's relinquished interest, the amount provided

for above, the relinquished interest of such carried well operator shall automatically revert to such owner, and from and after such reversion, such carried well operator shall be treated as a participating well operator and shall own the same interest in such well, the material and equipment in or pertaining thereto and the production therefrom, as such owner would have been entitled to had such owner participated initially as a participating well operator in the drilling, completing and equipping of such well, and thereafter, such owner shall be charged with and shall pay such owner's proportionate part of the further costs of the operation of such well.

(3) In the event a well operator, either an owner of an oil and gas lease or an owner of an unleased tract, who is subject to the provisions of this Order shall fail to timely and properly elect, in writing, one of the applicable options as set forth above, such well operator shall be deemed to have elected not to participate in the working interest in the well covered hereby as to the pools involved herein and shall be deemed a carried well operator. In the event a well operator, either an owner of an oil and gas lease or an owner of an unleased tract, who is subject to the provisions of this Order shall elect to act as a participating well operator under 2.A.(i) or B.(i) above, whichever is applicable, but thereafter fail or refuse to pay or secure the payment of such well operator's proportionate part of the cost of the well covered hereby as set forth in such provisions, such election to act as a participating operator under this Order shall

be null and void and such well operator shall become a carried well operator consistent with the terms and provisions of this Order.

(4) Any well operator involved herein who has not appeared in response to the notice of hearing published pursuant to the provisions of Section 45.1-361.19, Code of Virginia, 1950, as amended, and whose identity or whereabouts remains unknown at the conclusion of the hearing conducted in this matter shall be deemed to have elected not to become a participating well operator, but shall be deemed to have elected to be a carried well operator. Such carried well operator's share of proceeds under the provisions of this Order, after the payment therefrom of all well costs properly allocable thereto consistent with the provisions of this Order, shall be paid to the Virginia Oil and Gas Conservation Board and Treasurer of Virginia and held in a separate escrow account for such carried well operator's benefit. Such carried well operator's share of proceeds shall be deemed unclaimed property and shall be disposed of as provided in The Uniform Disposition of Unclaimed Property Act, Section 55-210.1, et seq., Code of Virginia, 1950 as amended. The State Oil and Gas Inspector shall receive any such funds and administer these designated accounts.

(5) Any cash bonus which becomes payable by EREX under the provisions of 2.B.(ii), above, shall be paid or tendered within thirty (30) days after the date of this Order; provided, however, if the owner entitled to such funds releases the same, or if such owner's interest in the unit involved in this cause has a defect or cloud in the title thereto, or if such owner cannot be paid such

funds for any reason whatsoever other than the reasons set forth in paragraph (4) above. EREX may deposit (credit) such funds due such party into an internal escrow account established in the accounting records of EREX and such funds shall be credited to such account for the benefit of such owner. Such funds so deposited (credited) in such escrow account shall be held for the benefit of the owner entitled thereto until such funds can be paid to such owner, or such owner accepts such funds, or until such title defect or cloud is cured or removed to the satisfaction of EREX.

(6) EREX, in addition to any other rights afforded such party under the laws of Virginia, shall have a lien on the mineral leasehold estate or rights owned by the other well operators involved herein in the unit covered hereby and upon their shares of the production from the well covered hereby to the extent that costs incurred in the development and operation of the drilling unit involved herein are a charge against such interests. Such liens shall be separable as to each separate well operator and shall remain a lien until all costs incurred in connection with the well have been paid. Upon the failure or refusal of any participating well operator to pay such well operator's proportionate part of any cost incurred hereunder in connection with the well covered hereby, EREX shall be entitled to receive the share of production from the well accruing to such defaulting participating well operator's interest in the unit involved herein, or the proceeds from such share, until such proportionate part of such cost has been paid. No part of the production or proceeds

accruing to any participating well operator shall be applied toward payment of costs chargeable to any other interest in such unit. If any participating well operator fails or refuses to pay such well operator's proportionate share of the cost incurred hereunder in connection with the well covered hereby within sixty (60) days after rendition of a statement therefore by EREX, the non-defaulting participating well operators, including EREX, shall, upon request by EREX, pay the unpaid amount in the proportion that the interest of each such non-defaulting participating well operator bears to the total interests of all such non-defaulting well operators. In such event, each non-defaulting participating well operator so paying such well operator's share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the lien rights described above.

(7) If the well involved herein has not been commenced as of the date of this Order, EREX shall commence or cause to be commenced operations on such well within three hundred and sixty-five days (365) days from the date of this Order and in any event, shall continue or cause to be continued operations under this Order with due diligence; otherwise, the provisions thereof shall be inoperative and this Order shall terminate, except for any cash sums becoming payable hereunder, unless the time of commencement of such operation is extended by an Order of the Board.

(8) With respect to acreage that is contained in this unit and the unit created by Equitable Resources, Inc., Well Number P-330, that overlap and are proposed to be included in both units,

the election of affected operators made for Well P-330 shall apply. However, no penalties for participating as a carried operator shall be attributable to the EH-18 well in areas of overlap.

(9) EREX shall cause a certified copy of this Order to be mailed to the last known address of each well operator as listed in this Order.

The relief granted by this Order is to avoid the drilling of unnecessary wells, prevent the various types of waste or oil and gas and protect the correlative rights of all owners with respect to the pools in the drilling unit involved herein.

All members present and in agreement done and executed this

8th day of November, 1990.

Benny R. Wampler
CHAIRMAN

Done and performed this 8th day of November, 1990, by order of this Board.

Byron J. Infante
Principal Executive to the Staff,
Virginia Gas and Board

State of Virginia
County of Washington

Acknowledged on this 8th day of November, 1990,
personally before me a notary public in and for the State of Virginia
appeared Benny Wampler, being duly sworn did depose and say that he is
Chairman of the Virginia Gas and Oil Board, that he executed the same and
was authorized to do so.

Diane Davis

Diane Davis
Notary Public
My commission expires 9/23/92

State of Virginia
County of Washington

Acknowledged on this 8th day of November, 1990,
personally before me a notary public in and for the State of Virginia
appeared Byron Thomas Fulmer, being duly sworn did depose and say that he is
Principal Executive to the Staff of the Virginia Gas and Oil Board, that he
executed the same and was authorized to do so.

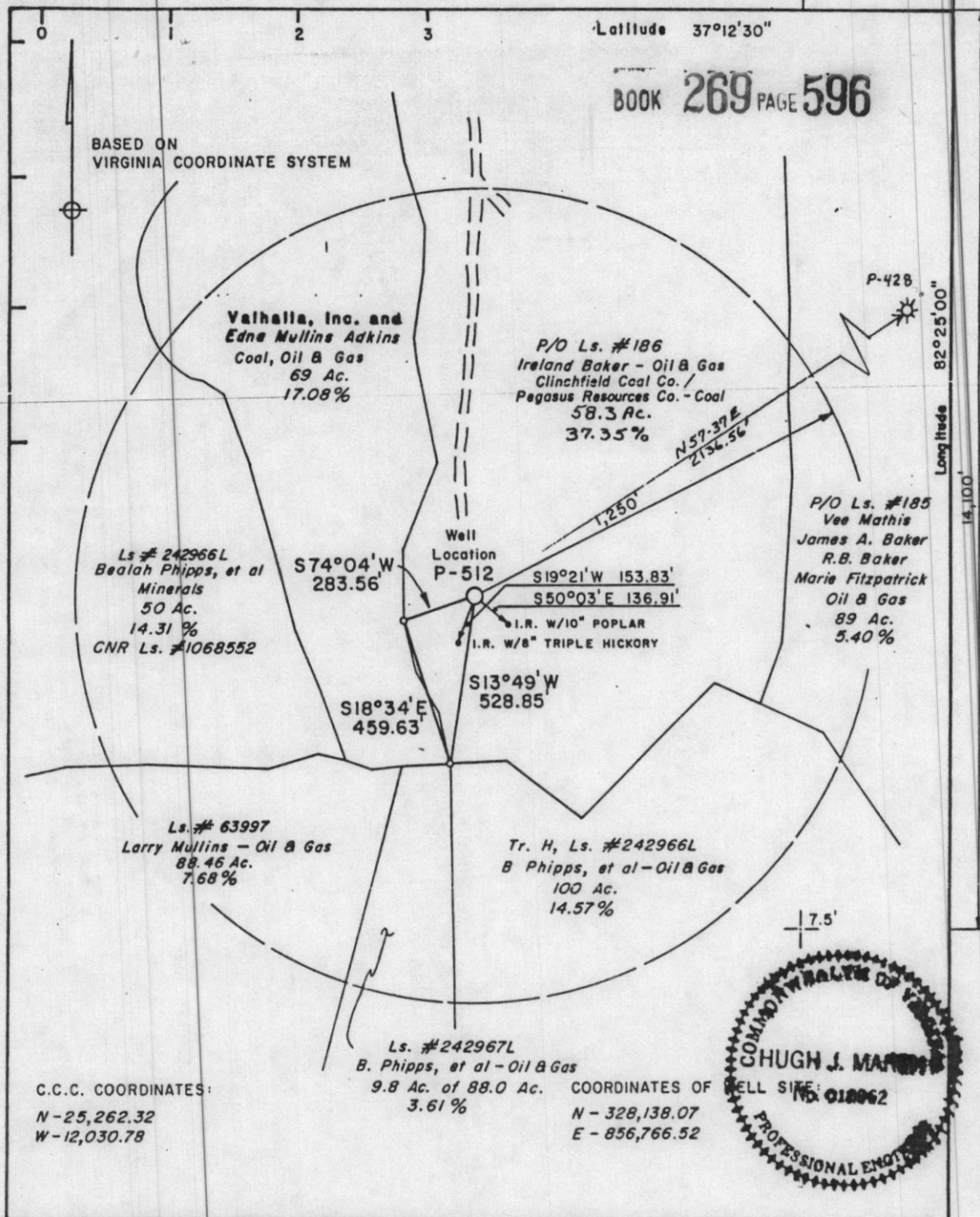
Diane Davis

Diane Davis
Notary Public
My commission expires 9/23/92

VIRGINIA. In the Clerk's Office of the Circuit Court of Dickenson County. The foregoing instrument was this
day presented in the office aforesaid and is, together with the certificate of acknowledgment annexed, admitted to
record this 27th day of November, 1990 12:57P M.
Deed Book No. 269 and Page No. 579.

TESTE: [Signature]

[Signature] Clerk



COMPANY EQUITABLE RESOURCE EXPLORATION

1989 East Stone Drive, 2 Executive Park Place
Kingsport, TN 37660

WELL NAME P-512

FARM Ireland Baker TRACT

LEASE NO. 186 ELEVATION 1898.3'

ACRES 58.3 QUADRANGLE Clintwood 7.5'

COUNTY Dickenson DISTRICT Clintwood

REG. ENGINEER X REG. NO. 018962

CERT. LAND SURVEYOR CERT. NO.

FILE NO. DRAWING NO.

DATE June 22, 1990 SCALE 1" = 400'

This plat is X new updated.

This plat X is is not based on a mine coordinate system established for the areas of the well location.

FORM 5

WELL LOCATION MAP

WELL NO. P-512

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.

CERTIFICATION OF WELL PLAT

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief, and shows all the information required by law and the regulations of the Va. Well Review Board.

Chugh J. Marsh
Registered Engineer or Certified
Land Surveyor in Charge

EXHIBIT A

V I R G I N I A:

BEFORE THE VIRGINIA GAS AND OIL BOARD

IN RE:

Application of Equitable Resources Energy Company
for Forced Pooling of Interest in a Drilling Unit
Affected by Well Number P-512, VGOB 1010-41 in the Clintwood
District of Dickenson County, Virginia

This cause came on this 11th day of October, 1990, upon the application of Equitable Resources Energy Company, EREX, requesting that this Board pool the interests of well operators in the drilling unit described in the map attached hereto as Exhibit A in the formations underlying the Nora field in Dickenson County, Virginia. Notice of the filing of the application herein and of the time, date and place of the hearing thereon was duly and properly given to each well operator of record having an interest in the oil and gas underlying the tracts within the drilling unit covered hereby as required by Section 45.1-361.19, Code of Virginia, 1950 as amended. The Board examined the Notice as given and further conducted inquiry into the sufficiency of EREX's search to determine the names and whereabouts of well operators who may be affected by the pooling of oil and gas interests in the drilling unit involved herein. The Board finds that EREX has exercised due diligence and has conducted a meaningful search of reasonably available sources at hand. The Board hereby approves the notice given, by publication and otherwise, as meeting the statutory requirements, rules of the Board and minimum standards of state and federal due process, and finds that notice has been given in all respects as required by law and the rules of this Board.

Based upon the evidence presented, the Board finds that EREX has acquired oil and gas leasehold interests in the drilling unit as described in the map, which is attached hereto as Exhibit "A" and made a part hereof, and has the right to conduct operations on its oil and gas leasehold interests. Based on the evidence presented, the Board finds that the following named persons are owners of oil and gas interests which are not subject to any oil and gas lease and who have not voluntarily agreed to pool their interests in the drilling unit involved herein for its development and operations:

- 1) Edna Mullins Adkins/Valhalla, Inc., Route 3, Box 245K, Clintwood, VA 24228;

and that the following named persons are owners of oil and gas leasehold interests in the drilling unit involved herein who have not voluntarily agreed to pool their interests in this unit for its development and operation:

Based upon the evidence presented, the Board finds that, in order to avoid the drilling of unnecessary wells, prevent the various types of waste of oil and gas and protect the correlative rights of all well operators with respect to the pools in the drilling unit involved herein, the well operators involved who have not heretofore reached an agreement with respect to development and operation of the drilling unit covered hereby shall be required to pool their oil and gas interests and develop the pools in this drilling unit, upon the terms and conditions set out in this order,

of the evidence presented in this cause, to be supported by substantial evidence and to be just, reasonable and equitable and such as will afford each operator in this unit the opportunity to recover or receive each such well operator's just and equitable share of production from this unit.

Based upon the evidence presented at the public hearing in this matter, the Virginia Oil and Gas Conservation Board orders as follows:

(1) The oil and gas interests of well operators, as named above, in this drilling unit established in the lands involved herein for formations underlying the Nora Field are hereby pooled for the development and operation of this unit. EREX is hereby authorized to drill, complete and operate a well in this drilling unit so as to produce oil and gas from the pooled acreage, consistent with the terms and provisions of its applicable well work permit.

(2) Each well operator involved herein, other than EREX, shall, within 30 calendar days after the date of mailing this Order, deliver to Equitable Resources Exploration, Two Executive Park Place, 1989 East Stone Drive, Kingsport, TN 37660, a written election either to participate in the operation of the well covered hereby or to exercise such well operator's right of election under this order as described below. A timely election shall be deemed to have been made if a well operator on or before the last day of such 30 calendar day period has sent such written election by telegram or telegraph to EREX at Two Executive Park Place, 1989

East Stone Drive, Kingsport, TN 37660 or has had such written election duly postmarked and has placed such written election in the United States mail, first class, postage prepaid, duly addressed to EREX at the address set forth above. The alternatives afforded to the well operators of oil and gas interests herein pooled are set forth in either A or B, below, whichever is applicable.

(A) Each well operator herein pooled owning an oil and gas interest as to the formations underlying the Nora Field derived from an oil and gas lease covering any tract within the drilling unit involved herein is accorded the following options as to such interest:

(i) Participation: To participate in the working interest in and the development of the formations underlying the Nora Field in the drilling unit involved herein by agreeing to pay such well operator's proportionate part of the actual cost of drilling, completing, equipping, operating, plugging and abandoning of the well covered hereby and by paying as set forth herein, to EREX, such owner's proportionate part of the \$227,110.00 estimated cost of drilling, completing, equipping, operating, plugging and abandoning of the proposed well covered hereby. In lieu of such payment, furnishing to EREX security satisfactory to EREX for the payment thereof within 60 calendar days of the date of this order. A participating well operator's proportionate part of the anticipated cost of completion and share of the production from such well shall be in the proportion that the number of net mineral

acres in the unit covered by the oil and gas rights owned by such party bears to the entire number of mineral acres in this unit; or

(ii) Carried interest: In lieu of participating in the working interest in and the development of the pools in this drilling unit, as set forth in subparagraph (i) above, to elect to share in the operation of the well covered on a carried basis (as a carried well operator) so that the proportionate part of the actual cost of drilling, completing, equipping, operating, plugging and abandoning of such well allocable to such carried well operator's interest is charged against such carried well operator's share of production from such well. All of such carried well operator's oil and gas rights in the pools in the drilling unit involved herein are relinquished under this order to EREX until the proceeds from the sale of the share of production from such well accruing to such carried well operator's unleased oil and gas interest in the drilling unit involved herein, exclusive of any royalty, excess or overriding royalty, or other non-operating or non-cost bearing burden reserved in any lease, assignment thereof or agreement relating thereto covering such oil and gas interest, equals three hundred percent (300%) of the share of the cost of drilling and completing the well allocable to the oil and gas interest of such carried well operator; plus one hundred percent (100%) of the carried operator's share of the cost of surface equipment beyond the wellhead connection of such well allocable to the oil and gas interest of such carried well operator; plus one hundred percent (100%) of the share of the cost of operating such

well allocable to the oil and gas interest of such carried well operator. Such carried well operator's proportionate part of the costs of, and the production from, the well covered hereby is to be in the proportion that the number of net mineral acres in the unit covered by the oil and gas interest owned by such carried well operator bears to the entire number of mineral acres in such unit. During the period of time EREX is entitled to receive such carried well operator's share of production or the proceeds therefrom, EREX shall pay all applicable production, severance, excise, gathering and any other taxes based upon or measured by the value or amount of production and shall separately calculate and pay to such carried well operator for payment to the appropriate owner any royalty, excess or overriding royalty and any other non-operating or non-cost bearing burden reserved in any lease, assignment thereof or agreement relating thereto which is deducted from the share of production of such carried well operator. Such royalty, excess or overriding royalty and other non-operating or non-cost bearing burden is not to be subject to any charge for operating costs. Payment by EREX to such carried well operator of any such royalty, excess or overriding royalty or other non-operating or non-cost bearing burden shall be made within ninety (90) days after the end of the calendar month within which the production subject to such burdens is sold. Within sixty (60) days after the completion of the well covered hereby, EREX shall furnish such carried well operator an inventory of the equipment in and connected to such well and an itemized statement of the cost of

drilling, completing and equipping such well for production; and for each month thereafter, during the time EREX is being reimbursed as provided above, EREX shall furnish to such carried well operator an itemized statement of all costs and liabilities incurred in the operation of such well, together with a statement of the quantity of oil and gas produced therefrom and the amount of proceeds realized from the sale of the production allocable to such carried well operator's oil and gas interest in the unit during the preceding month. EREX shall also furnish to the State Oil and Gas Inspector for the Commonwealth of Virginia, copies of the same statements furnished to each carried well operator under the provisions hereof. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any operation on the well covered hereby which would have been owned by such carried well operator had such owner participated therein as a participating well operator shall be credited against the total uncovered well costs in determining when the interest of such carried well operator shall revert to such owner as described above. When EREX recovers from such carried well operator's relinquished interest provided for above, the relinquished interest of such carried well operator shall automatically revert to such owner, and from and after such reversion, such carried well operator shall be treated as a participating well operator and shall own the same interest in such well, the material and equipment in or pertaining thereto and the production therefrom, as such owner would have been entitled to had such owner

participated initially as a participating well operator in the drilling, completing and equipping of such well; and thereafter, such owner shall be charged with and shall pay the owner's proportionate part of the further costs of the operation of such well.

(B) Each well operator herein pooled owning an oil and gas interest in the Nora Field in any tract in the drilling unit involved herein which interest is not subject to an oil and gas lease is hereby accorded the following options as to such interests:

(i) Participation: To participate in the working interest in and the development of the formations underlying the Nora Field in the drilling unit involved herein by agreeing to pay such well operator's proportionate part of the actual cost of drilling, completing, equipping, operating, plugging, and abandoning of the well covered hereby and by paying as set forth herein, to EREX, such owner's proportionate part of the \$227,110.00 estimated cost of drilling, completing, equipping, operating, plugging and abandoning of the proposed well covered hereby. In lieu of such payment, furnishing to EREX security satisfactory to EREX for the payment thereof within sixty (60) calendar days of the date of this Order. A participating well operator's proportionate part of the anticipated cost of completion and share of the production from such well shall be in the proportion that the number of net mineral acres in this unit covered by the oil and gas rights owned by such party bears to the entire number of mineral acres in this unit; or

(ii) Cash Consideration: In lieu of participating in the working interests in and the development of the pools in the drilling unit involved herein, to elect to receive a sum of TWO DOLLARS (\$2.00) per net mineral acre owned by such owner, plus a total royalty in the amount of one-eighth of eight eighths ($1/8$ of $8/8$ ths) of the oil, casinghead gas, gas and gas condensate produced from the well covered by this Order, the same to be delivered into the lease tanks or into the pipelines to which such well is connected, free and clear of all costs, expenses and risks incurred in or in connection with drilling, equipping, operating, completing, plugging and abandoning of such well. Any well operator elected this option shall deliver under this Order a net revenue interest of 87.50% of $8/8$ ths of the oil, casinghead gas, gas and gas condensate produced from the well covered by this Order, with such net revenue interest being determined by deducting from such owner's share of production the royalty provided for immediately above; and provided further, that such royalty of $1/8$ of $8/8$ ths and such net revenue interest of 87.50% of $8/8$ ths shall be proportionately reduced and payable only in the proportion that the number of net mineral acres in the drilling unit covered by the oil and gas rights owned by such well operator bears to the entire number of mineral acres in this unit; or

(iii) Carried Interest: In lieu of participating in the working interest in and the development of the pools in the drilling unit involved herein as set forth in subparagraph (i) above, or electing the option set forth in subparagraph (ii) above,

to elect to share in the operation of the well covered hereby on a carried basis (as a carried well operator) so that the proportionate part of the actual cost of drilling, completing, equipping, operating, plugging and abandoning of such well allocable to such carried well operator's interest is charged against such carried well operator's share of production from such well and that all of such carried well operator's oil and gas rights in the pools in the drilling unit involved herein are relinquished under this Order to EREX until the proceeds from the sale of the share of production from the well accruing to such carried well operator's unleased oil and gas interest in the drilling unit involved herein, equals two hundred percent (200%) of the share of the cost of drilling and completing the well covered hereby allocable to the unleased oil and gas interest of such carried well operator, plus one hundred percent (100%) of the share of the cost of surface equipment beyond the wellhead connection of such well allocable to the unleased oil and gas interest of such carried well operator; plus one hundred percent (100%) of the carried operator's share of the costs of operating such well allocable to such carried well operator. Such carried operator's proportionate part of the costs of, and the production from, the well covered hereby is to be in the proportion that the number of net mineral acres in the unit covered by the unleased oil and gas interest owned by such carried well operators bears to the entire number of net mineral acres in this unit. During the period of time EREX is entitled to receive such carried well operator's

Severance Bond

share of production or the proceeds therefrom, EREX shall pay all applicable production, severance, excise, gathering and any other taxes based upon or measured by the value or amount of production.

Within sixty (60) days after completion of the well covered hereby, EREX shall furnish such carried well operator an inventory of the equipment in and connected to such well and an itemized statement of the cost of drilling, completing and equipping such well for production; and each month thereafter, during the time EREX is being reimbursed as provided above, EREX shall furnish to such carried well operator, an itemized statement of all costs and liabilities incurred in the operation of such well, together with a statement of the quantity of oil and gas produced therefrom and the amount of proceeds realized from the sale of the production allocable to such carried well operators unleased oil and as interests in such unit during the preceding month. EREX shall also furnish to the State Oil and Gas Inspector for the Commonwealth of Virginia, copies of the same statements furnished to each carried well operator under the provisions hereof. Any amount realized from the sale or other disposition of the equipment newly acquired in connection with any operation on the well covered hereby which would have been owned by the carried well operator, had such owner participated therein as a participating well operator, shall be credited against the total unrecovered well costs in determining when the interest of such carried well operator shall revert to such owner as described above. When EREX recovers from such carried well operator's relinquished interest, the amount provided

for above, the relinquished interest of such carried well operator shall automatically revert to such owner, and from and after such reversion, such carried well operator shall be treated as a participating well operator and shall own the same interest in such well, the material and equipment in or pertaining thereto and the production therefrom, as such owner would have been entitled to had such owner participated initially as a participating well operator in the drilling, completing and equipping of such well, and thereafter, such owner shall be charged with and shall pay such owner's proportionate part of the further costs of the operation of such well.

(3) In the event a well operator, either an owner of an oil and gas lease or an owner of an unleased tract, who is subject to the provisions of this Order shall fail to timely and properly elect, in writing, one of the applicable options as set forth above, such well operator shall be deemed to have elected not to participate in the working interest in the well covered hereby as to the pools involved herein and shall be deemed a carried well operator. In the event a well operator, either an owner of an oil and gas lease or an owner of an unleased tract, who is subject to the provisions of this Order shall elect to act as a participating well operator under 2.A.(i) or B.(i) above, whichever is applicable, but thereafter fail or refuse to pay or secure the payment of such well operator's proportionate part of the cost of the well covered hereby as set forth in such provisions, such election to act as a participating operator under this Order shall

be null and void and such well operator shall become a carried well operator consistent with the terms and provisions of this Order.

(4) Any well operator involved herein who has not appeared in response to the notice of hearing published pursuant to the provisions of Section 45.1-361.19, Code of Virginia, 1950, as amended, and whose identity or whereabouts remains unknown at the conclusion of the hearing conducted in this matter shall be deemed to have elected not to become a participating well operator, but shall be deemed to have elected to be a carried well operator. Such carried well operator's share of proceeds under the provisions of this Order, after the payment therefrom of all well costs properly allocable thereto consistent with the provisions of this Order, shall be paid to the Virginia Oil and Gas Conservation Board and Treasurer of Virginia and held in a separate escrow account for such carried well operator's benefit. Such carried well operator's share of proceeds shall be deemed unclaimed property and shall be disposed of as provided in The Uniform Disposition of Unclaimed Property Act, Section 55-210.1, et seq., Code of Virginia, 1950 as amended. The State Oil and Gas Inspector shall receive any such funds and administer these designated accounts.

(5) Any cash bonus which becomes payable by EREX under the provisions of 2.B.(ii), above, shall be paid or tendered within thirty (30) days after the date of this Order; provided, however, if the owner entitled to such funds releases the same, or if such owner's interest in the unit involved in this cause has a defect or cloud in the title thereto, or if such owner cannot be paid such

funds for any reason whatsoever other than the reasons set forth in paragraph (4) above. EREX may deposit (credit) such funds due such party into an internal escrow account established in the accounting records of EREX and such funds shall be credited to such account for the benefit of such owner. Such funds so deposited (credited) in such escrow account shall be held for the benefit of the owner entitled thereto until such funds can be paid to such owner, or such owner accepts such funds, or until such title defect or cloud is cured or removed to the satisfaction of EREX.

(6) EREX, in addition to any other rights afforded such party under the laws of Virginia, shall have a lien on the mineral leasehold estate or rights owned by the other well operators involved herein in the unit covered hereby and upon their shares of the production from the well covered hereby to the extent that costs incurred in the development and operation of the drilling unit involved herein are a charge against such interests. Such liens shall be separable as to each separate well operator and shall remain a lien until all costs incurred in connection with the well have been paid. Upon the failure or refusal of any participating well operator to pay such well operator's proportionate part of any cost incurred hereunder in connection with the well covered hereby, EREX shall be entitled to receive the share of production from the well accruing to such defaulting participating well operator's interest in the unit involved herein, or the proceeds from such share, until such proportionate part of such cost has been paid. No part of the production or proceeds

accruing to any participating well operator shall be applied toward payment of costs chargeable to any other interest in such unit. If any participating well operator fails or refuses to pay such well operator's proportionate share of the cost incurred hereunder in connection with the well covered hereby within sixty (60) days after rendition of a statement therefore by EREX, the non-defaulting participating well operators, including EREX, shall, upon request by EREX, pay the unpaid amount in the proportion that the interest of each such non-defaulting participating well operator bears to the total interests of all such non-defaulting well operators. In such event, each non-defaulting participating well operator so paying such well operator's share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the lien rights described above.

(7) If the well involved herein has not been commenced as of the date of this Order, EREX shall commence or cause to be commenced operations on such well within three hundred and sixty-five days (365) days from the date of this Order and in any event, shall continue or cause to be continued operations under this Order with due diligence; otherwise, the provisions thereof shall be inoperative and this Order shall terminate, except for any cash sums becoming payable hereunder, unless the time of commencement of such operation is extended by an Order of the Board.

(8) With respect to acreage that is contained in this unit and the unit created by Equitable Resources, Inc., Well Number P-330, that overlap and are proposed to be included in both units,

the election of affected operators made for Well P-330 shall apply. However, no penalties for participating as a carried operator shall be attributable to the EH-18 well in areas of overlap.

(9) EREX shall cause a certified copy of this Order to be mailed to the last known address of each well operator as listed in this Order.

The relief granted by this Order is to avoid the drilling of unnecessary wells, prevent the various types of waste or oil and gas and protect the correlative rights of all owners with respect to the pools in the drilling unit involved herein.

All members present and in agreement done and executed this

8th day of November, 1990.

Benny R. Wampler
CHAIRMAN

Done and performed this

8th day of November,

1990, by order of this Board.

Bryon J. Infante
Principal Executive to the Staff,
Virginia Gas and Board

State of Virginia
County of Washington

Acknowledged on this 8th day of November, 1990,
personally before me a notary public in and for the State of Virginia
appeared Benny Wampler, being duly sworn did depose and say that he is
Chairman of the Virginia Gas and Oil Board, that he executed the same and
was authorized to do so.

Diane Davis

Diane Davis
Notary Public

My commission expires 9/23/92

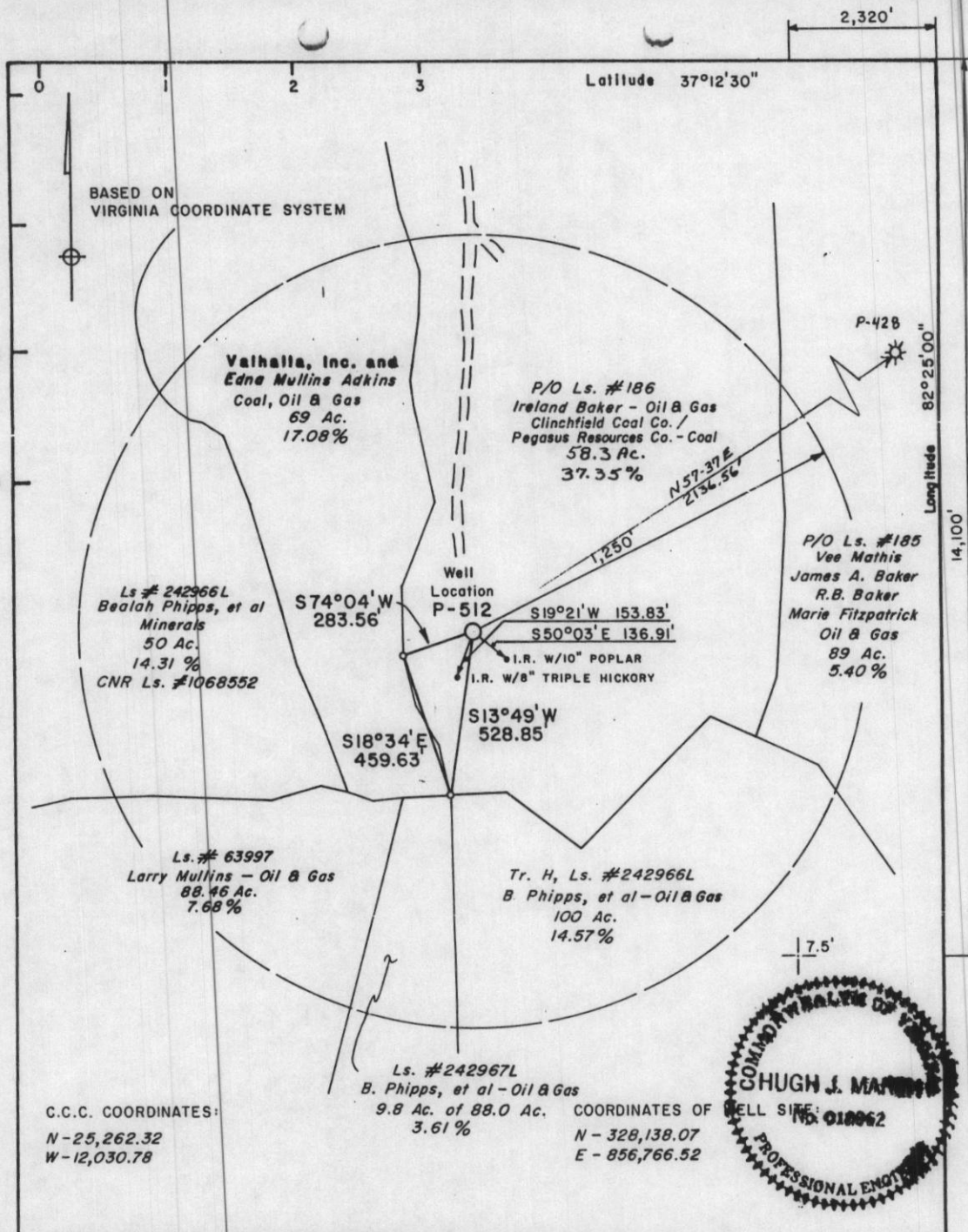
State of Virginia
County of Washington

Acknowledged on this 8th day of November, 1990,
personally before me a notary public in and for the State of Virginia
appeared Byron Thomas Fulmer, being duly sworn did depose and say that he is
Principal Executive to the Staff of the Virginia Gas and Oil Board, that he
executed the same and was authorized to do so.

Diane Davis

Diane Davis
Notary Public

My commission expires 9/23/92



COMPANY EQUITABLE RESOURCE EXPLORATION
1989 East Stone Drive, 2 Executive Park Place
ADDRESS Kingsport, TN 37660
WELL NAME P-512
FARM Ireland Baker TRACT _____
LEASE NO. 186 ELEVATION 1898.3'
ACRES 58.3 QUADRANGLE Clintwood 7.5'
COUNTY Dickenson DISTRICT Clintwood
REG. ENGINEER X REG. NO. 018962
CERT. LAND SURVEYOR _____ CERT. NO. _____
FILE NO. _____ DRAWING NO. _____
DATE June 22, 1990 SCALE 1" = 400'

This plat is X new _____ updated.
This plat X is _____ is not based on a mine coordinate
system established for the areas of the well location.

FORM 5

WELL LOCATION MAP

WELL NO. P-512

+ Denotes location of well on United States
Topographic Maps, scale 1 to 24,000 latitude
and longitude lines being represented by
border lines as shown.

CERTIFICATION OF WELL PLAT

I, the undersigned, hereby certify that this plat is correct
to the best of my knowledge and belief, and shows all the
information required by law and the regulations of the Va.
Well Review Board.

Shugh J. Marsh
Registered Engineer or Certified
Land Surveyor in Charge

EXHIBIT A

Clerk's Office Circuit Court
Dickenson County, Virginia

Filed and admitted to record,

this 27th day of March, 1990

at 12:57 P. M

Recorded: Deed Book P

039 State Tax \$

213 County Tax \$

212 Transfer 148 \$ 11.00

301 Recording 26.00 \$ 26.00

033 State Tax \$ 58.54 (a)

220 Local Tax \$ 58.54 (b)

223 Local Tax \$ 58.54 (b)

Total \$ 27.00

Feste: Betty Allen Clerk